

Listing of Claims

1. (Currently Amended) A medical apparatus comprising Medical equipment, the at least one surface of which being is at least partially provided with a coating which is provided coated with by means of a sol-gel process material.
2. (Currently Amended) The medical apparatus Medical equipment according to claim 1, characterized in that wherein the sol-gel process material at least comprises is formed from the step of mixing together an organosilane compound and water.
3. (Currently Amended) The medical apparatus Medical equipment according to claim 1, characterized in that wherein the sol-gel process material at least comprises is formed from the step of mixing together an organosilane compound and silica particles.
4. (Currently Amended) The medical apparatus Medical equipment according to claim 2 or 3, characterized in that wherein the organosilane compound comprises tetraethoxysilane (TEOS).
5. (Currently Amended) The medical apparatus Medical equipment according to claim 1, characterized in that wherein the coating can be cured at a curing temperature of about 80°C or lower.
6. (Currently Amended) The medical apparatus Medical equipment according to claim 1, characterized in that wherein during the sol-gel process for making the coating is formed from an acid is added, which acid is chosen from the group comprising malonic acid, dimethylmalonoc acid and itaconic acid.
7. (Currently Amended) The medical equipment apparatus of any one of claims 1-5 wherein the equipment said surface is a tabletop of a diagnostic system.

8. (New) A medical apparatus comprising at least one surface which includes an iodine-resistant coating comprised from a material with the formula $\text{SiX}_p\text{Y}_q\text{Z}_r$.

9. (New) The medical apparatus of claim 8 wherein X is a hydrolytically condensable substituent, Y is a polymerizable substituent R-A, and Z is a hydrolytically non-condensable and non-polymerizable substituent.

10. (New) The medical apparatus of claim 9 wherein p is equal to 2, 3, or 4, q is equal to 0, 1, or 2, and r is equal to 0 or 1.

11. (New) The medical apparatus of claim 10 wherein p+q is greater than 2 and p+q+r is equal to 4.

12. (New) The medical apparatus of claim 8, wherein said at least one surface is a tabletop of a diagnostic system.

13. A process for making medical equipment resistant to iodine comprising coating one or more surfaces with a sol-gel material.

14. The process of claim 13 wherein said sol-gel material is comprised of material with the formula